

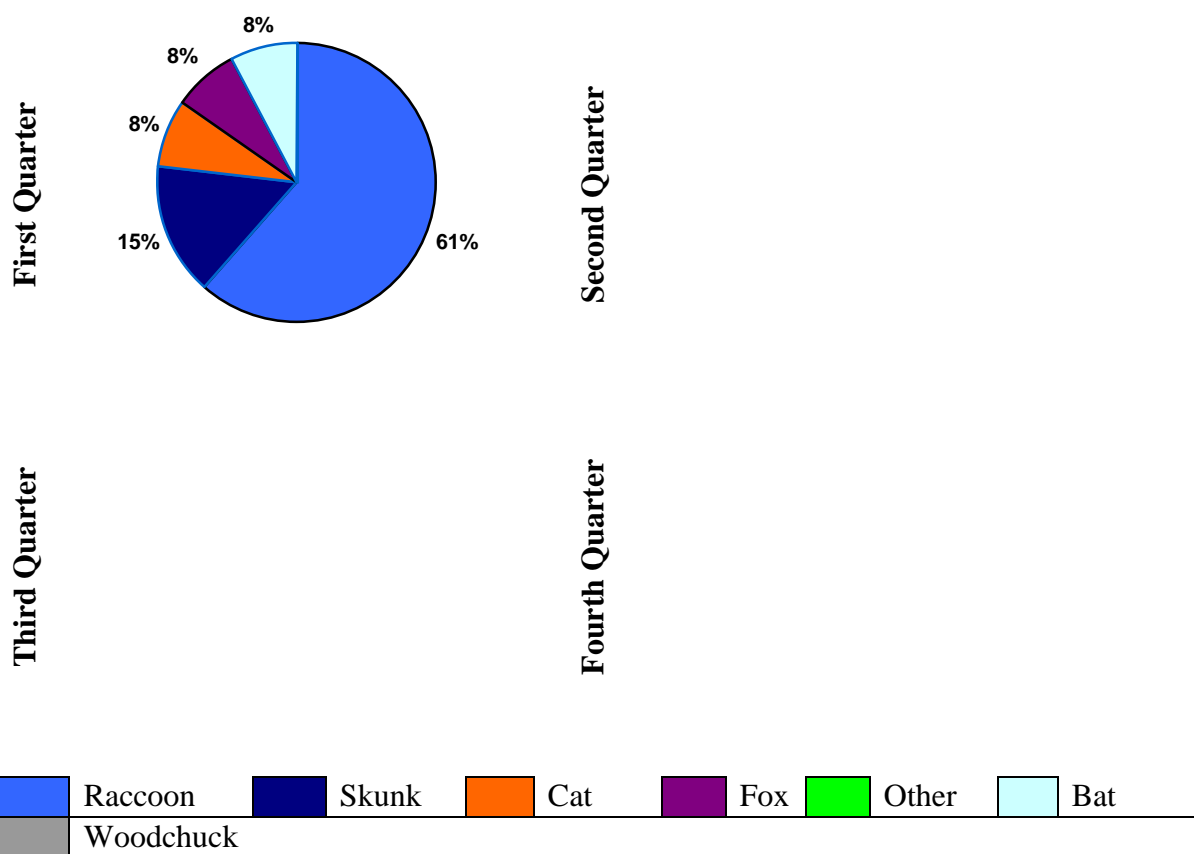
## 2017 Rabies Quarterly Summary Massachusetts Department of Public Health

The following report summarizes data collected on animal specimens sent to the William A. Hinton State Laboratory Institute (HSLI) for rabies testing from January to March 2017. Cumulative reports summarizing rabies testing from 1992-2002 and annual reports from 2003 to 2016 are available on the MDPH website and can be found through [www.mass.gov/dph/rabies](http://www.mass.gov/dph/rabies)

### Number of Submissions and Positive Results by Species

Table 1. Number of Animals Positive for Rabies/Animals Submitted (%), 2017						
Animal	1 <sup>st</sup> Quarter		2 <sup>nd</sup> Quarter	3 <sup>rd</sup> Quarter	4 <sup>th</sup> Quarter	Total 2017
Raccoon	8/20	(40%)				8/20 (40%)
Skunk	2/7	(28.6%)				2/7 (28.6%)
Cat	1/138	(0.7%)				1/138 (0.7%)
Fox	1/3	(33.3%)				1/3 (33.3%)
Woodchuck	0/3	(--)				0/3 (--)
Bat	1/85	(1.2%)				1/85 (1.2%)
Cow	0/0	(--)				0/0 (--)
Coyote	0/3	(--)				0/3 (--)
Dog	0/125	(--)				0/125 (--)
Bobcat	0/0	(--)				0/0 (--)
Other	0/19	(--)				0/19 (--)
<b>TOTAL</b>	<b>13/403</b>	<b>(3.2%)</b>				<b>13/403 (3.2%)</b>

**Figure 1. Proportion of All Positive Results Represented by Each Species, by Quarter**



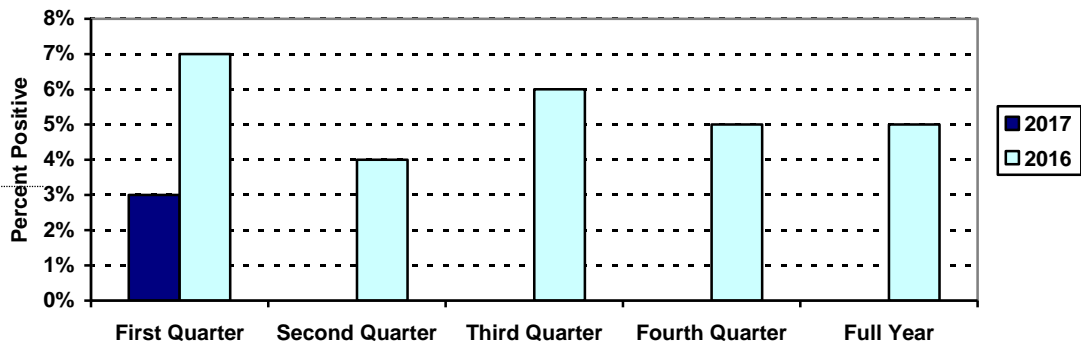
## Number of Submissions and Positive and Unsatisfactory\* Results by Month

<b>Table 2. Submissions, Number Positive and Unsatisfactory for Rabies, and Percent Positive and Unsatisfactory by Month and Animal Type, 2016 and 2017</b>										
	<b>TERRESTRIAL ANIMALS</b>									
<b>Month</b>	<b>Submitted 2017</b>	<b>Unsatisfactory 2017</b>		<b>Positive 2017</b>		<b>Submitted 2016</b>	<b>Unsatisfactory 2016</b>		<b>Positive 2016</b>	
January	113	0	0%	6	5%	106	1	1%	5	5%
February	88	1	1%	4	5%	99	1	1%	7	7%
March	117	2	2%	2	2%	117	2	2%	12	10%
April						124	1	1%	7	6%
May						151	2	1%	10	7%
June						201	6	3%	8	4%
July						170	11	6%	14	8%
August						207	14	7%	22	11%
September						180	8	4%	15	8%
October						111	5	5%	10	9%
November						120	0	0%	5	4%
December						114	0	0%	5	4%
<b>TOTAL</b>	<b>318</b>	<b>3</b>	<b>1%</b>	<b>12</b>	<b>4%</b>	<b>1700</b>	<b>51</b>	<b>3%</b>	<b>120</b>	<b>7%</b>

<b>Table 2a. Submissions, Number Positive and Unsatisfactory for Rabies, and Percent Positive and Unsatisfactory by Month and Animal Type, 2016 and 2017</b>										
	<b>BATS</b>									
<b>Month</b>	<b>Submitted 2017</b>	<b>Unsatisfactory 2017</b>		<b>Positive 2017</b>		<b>Submitted 2016</b>	<b>Unsatisfactory 2016</b>		<b>Positive 2016</b>	
January	27	5	19%	0	0%	29	7	24%	1	4%
February	24	0	0%	0	0%	23	3	13%	0	0%
March	34	1	3%	1	3%	26	6	23%	1	4%
April						18	1	6%	0	0%
May						37	4	11%	2	5%
June						153	24	16%	2	1%
July						112	15	13%	3	3%
August						348	42	12%	6	2%
September						25	3	12%	4	16%
October						13	1	8%	2	15%
November						14	2	14%	0	0%
December						35	3	9%	0	0%
<b>TOTAL</b>	<b>85</b>	<b>6</b>	<b>7%</b>	<b>1</b>	<b>1%</b>	<b>833</b>	<b>111</b>	<b>13%</b>	<b>21</b>	<b>3%</b>

\* An unsatisfactory test result indicates that the specimen was unsuitable for testing. The most common reason for an unsatisfactory result is a specimen that is too decomposed to test.

Figure 2. Percent Positive of All Submissions by Quarter, by Year



### Submissions and Positive Results by County

Table 3. Rabies Testing Data by County- Number of Animals Positive for Rabies/Number of Animals Submitted (%)					
County	1st Quarter	2 <sup>nd</sup> Quarter	3 <sup>rd</sup> Quarter	4 <sup>th</sup> Quarter	Cumulative
Barnstable	0/13 (0%)				0/13 (0%)
Berkshire	0/15 (0%)				0/15 (0%)
Bristol	1/24 (4.2%)				1/24 (4%)
Dukes	0/2 (0%)				0/2 (0%)
Essex	3/48 (6.3%)				3/48 (6.3%)
Franklin	1/7 (14.3%)				1/7 (14.3%)
Hampden	4/40 (10.0%)				4/40 (10.0%)
Hampshire	0/14 (0%)				0/14 (0%)
Middlesex	2/84 (2.4%)				2/84 (2.4%)
Nantucket	0/0 (0%)				0/0 (0%)
Norfolk	0/45 (0%)				0/45 (0%)
Plymouth	0/27 (0%)				0/27 (0%)
Suffolk	0/33 (0%)				0/33 (0%)
Worcester	2/51 (3.9%)				2/51 (3.9%)

Figure 3. Number of Animals Submitted for Rabies Testing by County, 2017

